

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083566.D
 Acq On : 7 Dec 2015 19:59
 Operator : UM/IZ
 Sample : G4579-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2(6-12)

Quant Time: Dec 08 01:17:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

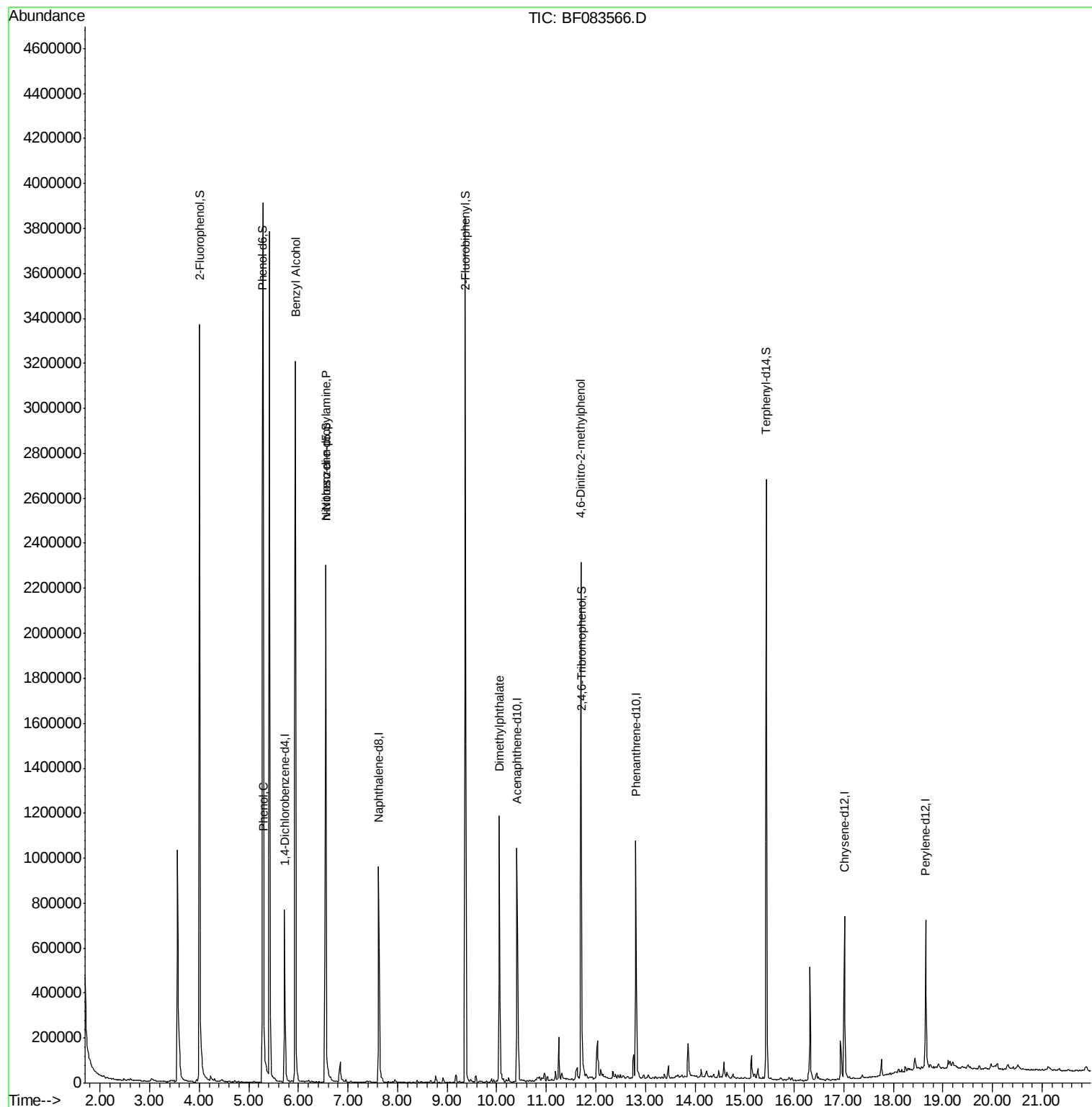
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	153485	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	623118	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	302776	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	534414	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	378630	20.00	ng	-0.03
86) Perylene-d12	18.65	264	334999	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1479323	146.22	ng	-0.02
7) Phenol-d6	5.29	99	1944526	139.50	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1339162	100.46	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	389887	139.60	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1703330	76.30	ng	-0.06
78) Terphenyl-d14	15.44	244	1296532	76.20	ng	-0.05
Target Compounds						
10) Phenol	5.30	94	39038	2.39	ng	# 73
15) Benzyl Alcohol	5.94	79	21099	2.18	ng	# 45
19) n-Nitroso-di-n-propylamine	6.56	70	174587	18.78	ng	# 78
49) Dimethylphthalate	10.05	163	625711	26.26	ng	99
64) 4,6-Dinitro-2-methylphenol	11.70	198	762	3.68	ng	# 1

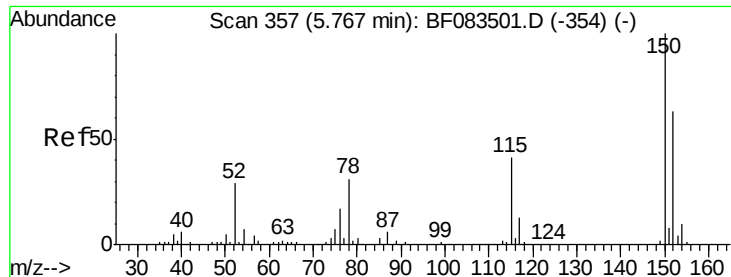
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
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BNA_F
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TP2(6-12)

Quant Time: Dec 08 01:17:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

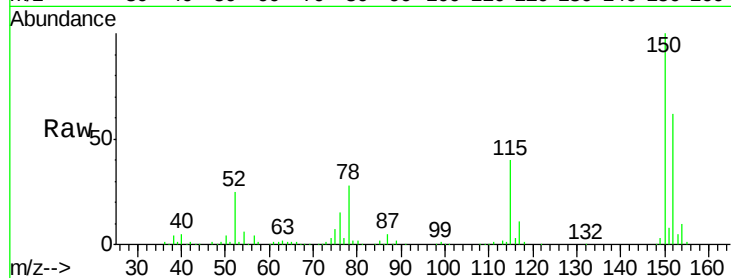
Tgt Ion:152 Resp: 153485

Ion Ratio Lower Upper

152 100

150 161.4 126.5 189.7

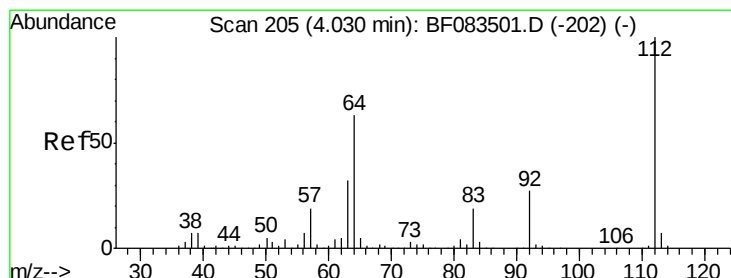
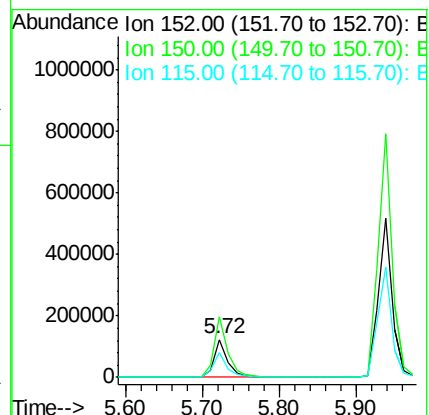
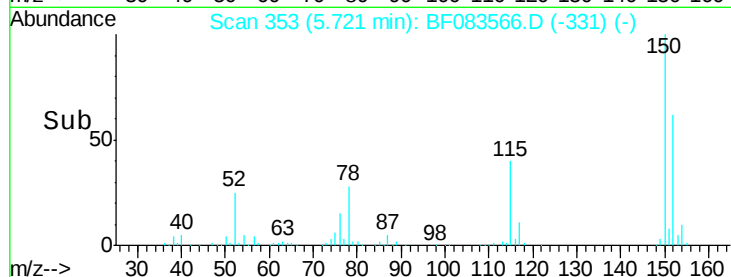
115 64.2 52.3 78.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 146.22 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

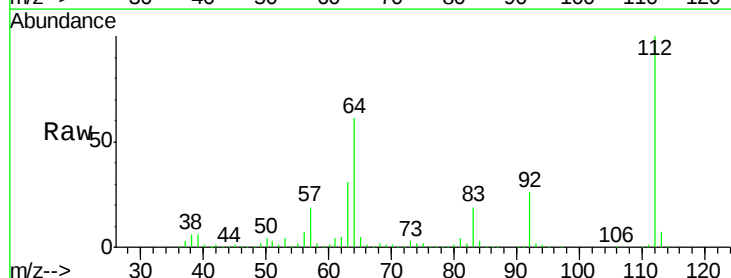
Tgt Ion:112 Resp: 1479323

Ion Ratio Lower Upper

112 100

64 60.7 50.5 75.7

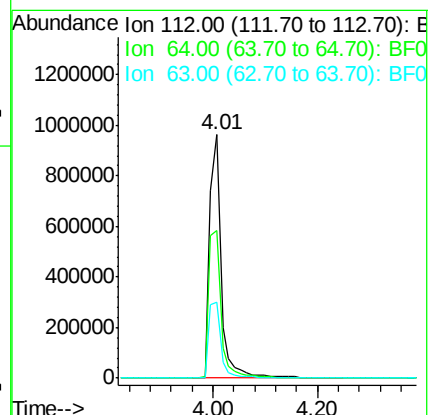
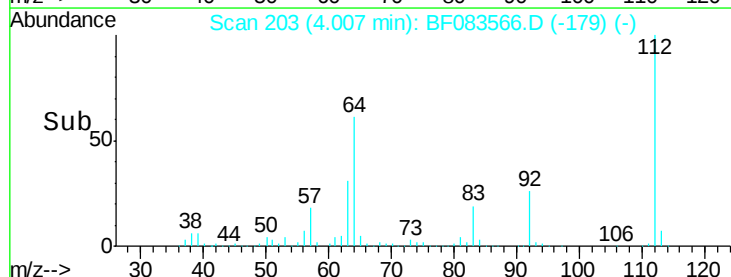
63 31.4 25.8 38.6

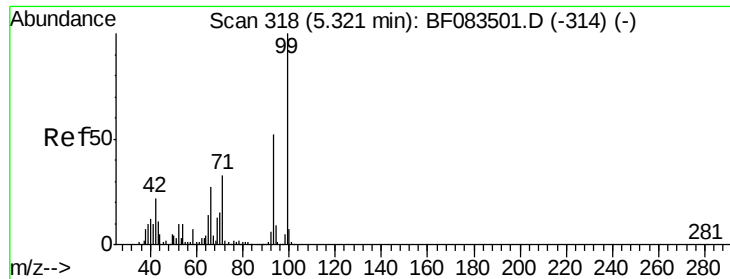


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.50 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

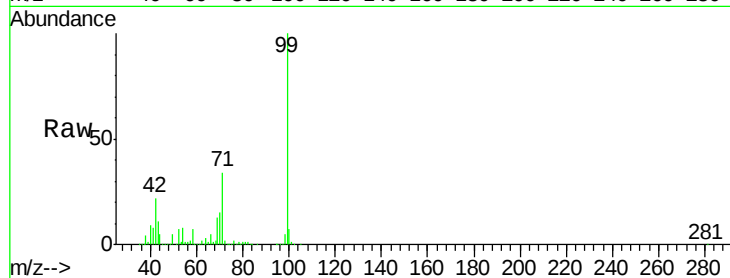
Tgt Ion: 99 Resp: 1944526

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

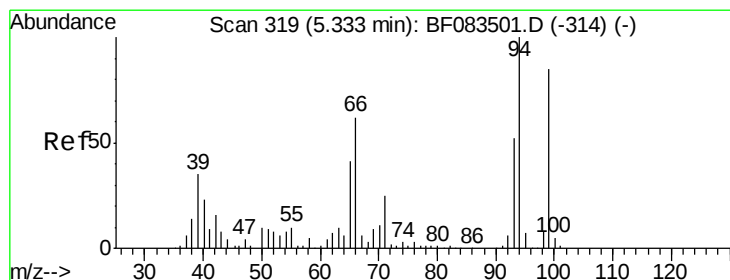
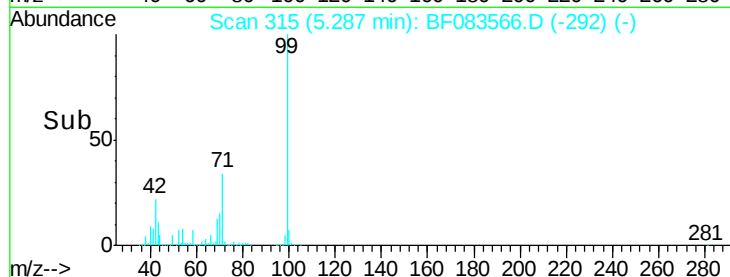
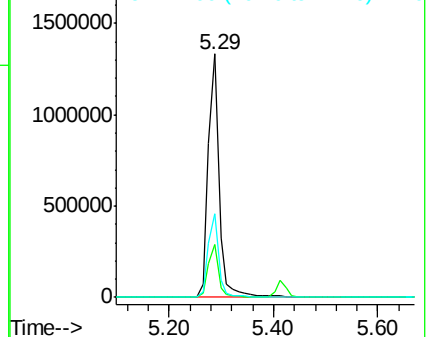
71 34.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.39 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

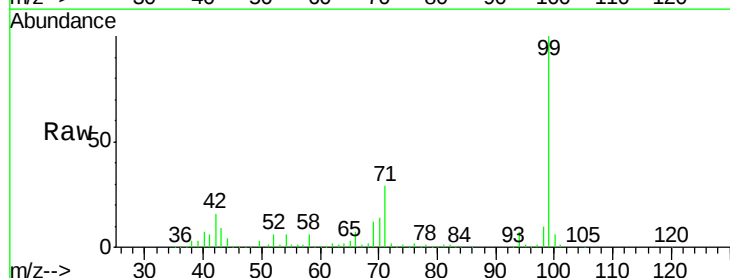
Tgt Ion: 94 Resp: 39038

Ion Ratio Lower Upper

94 100

65 42.9 20.9 60.9

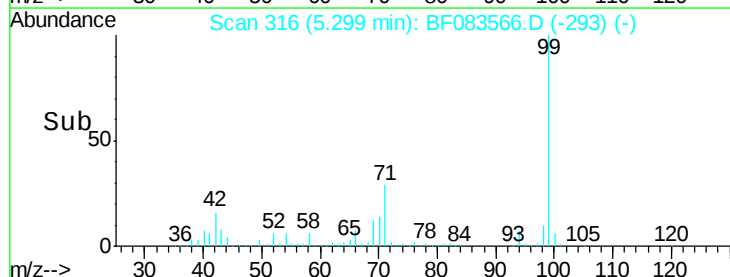
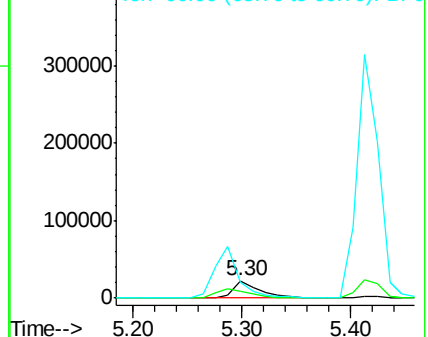
66 94.1 41.6 81.6#

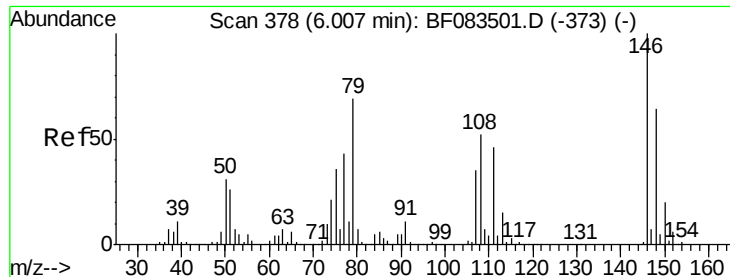


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

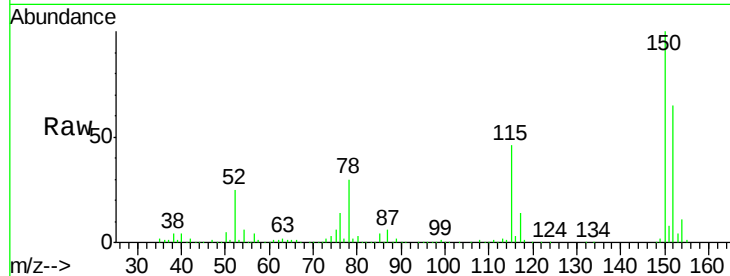
Tgt Ion: 79 Resp: 21099

Ion Ratio Lower Upper

79 100

108 25.2 59.6 89.4#

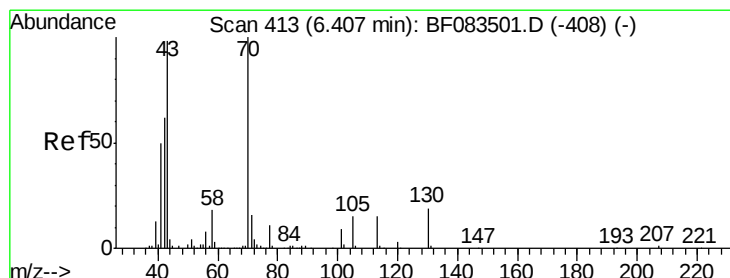
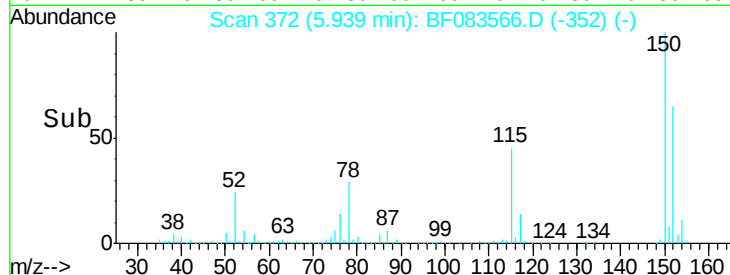
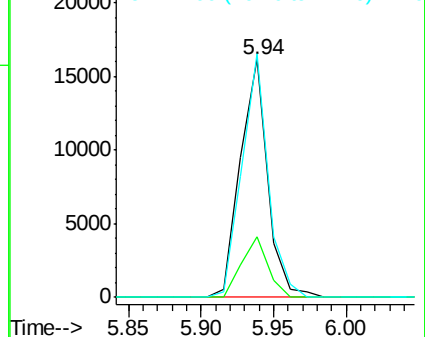
77 102.3 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.78 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Tgt Ion: 70 Resp: 174587

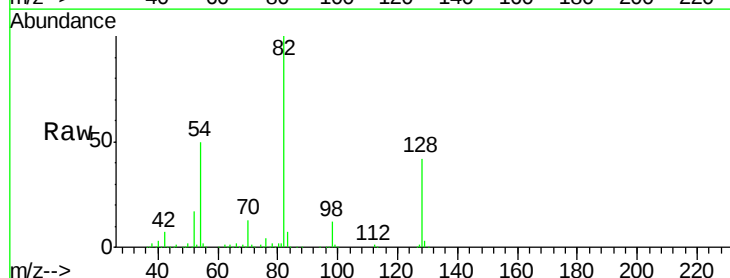
Ion Ratio Lower Upper

70 100

42 48.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

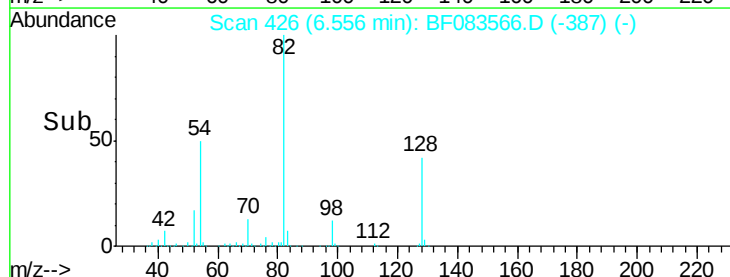
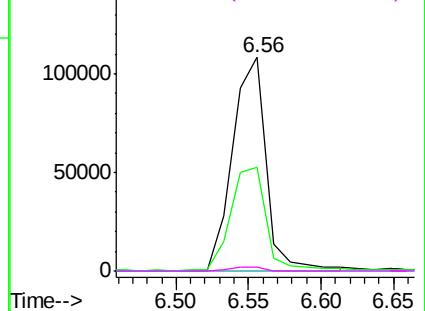


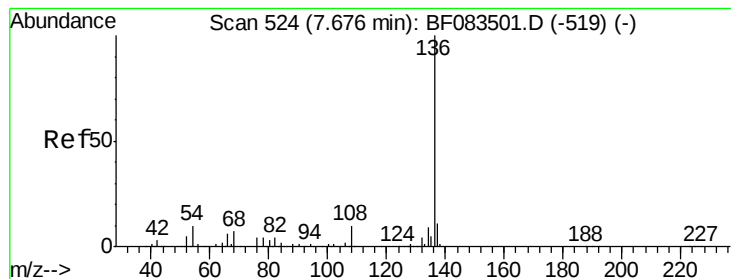
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

Tgt Ion:136 Resp: 623118

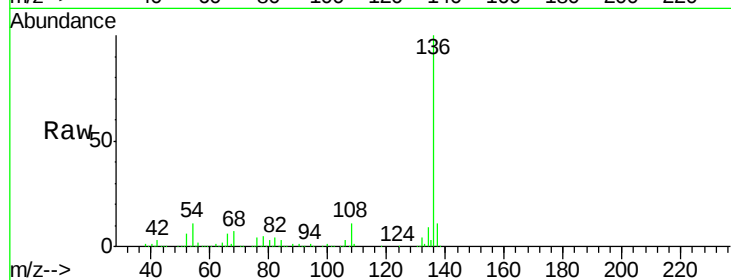
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.8 7.8 11.6

68 7.4 5.7 8.5

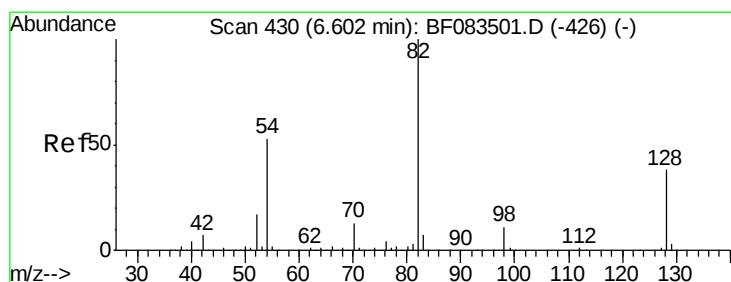
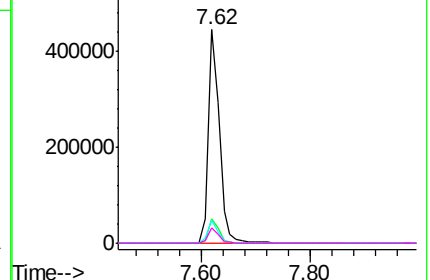
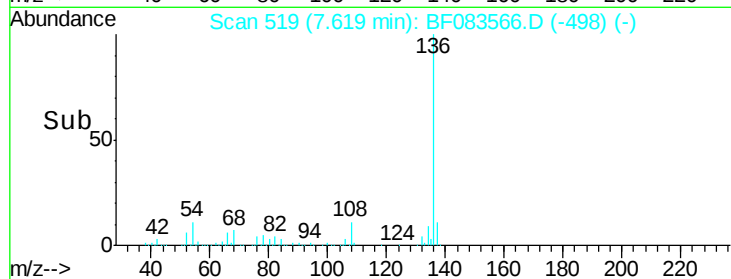


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 100.46 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

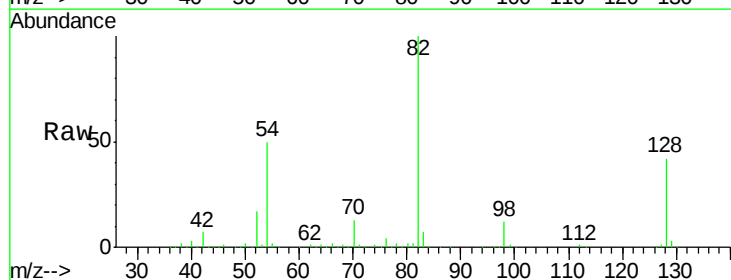
Tgt Ion: 82 Resp: 1339162

Ion Ratio Lower Upper

82 100

128 41.7 30.7 46.1

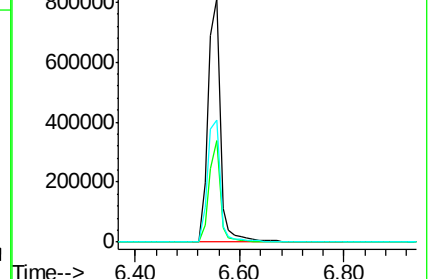
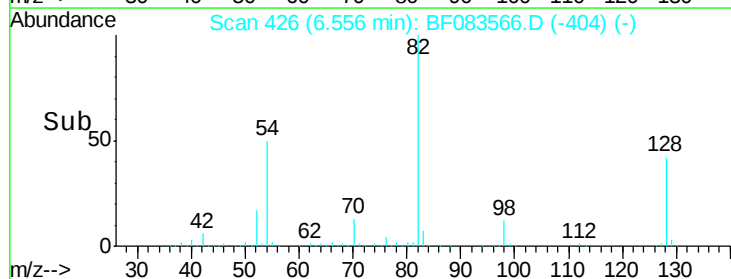
54 50.4 42.5 63.7

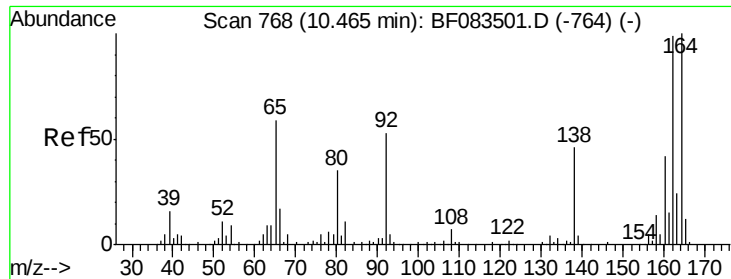


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

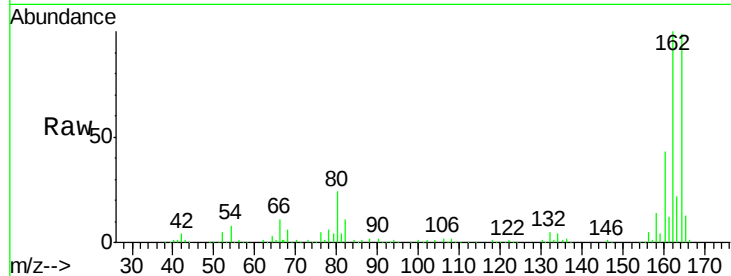




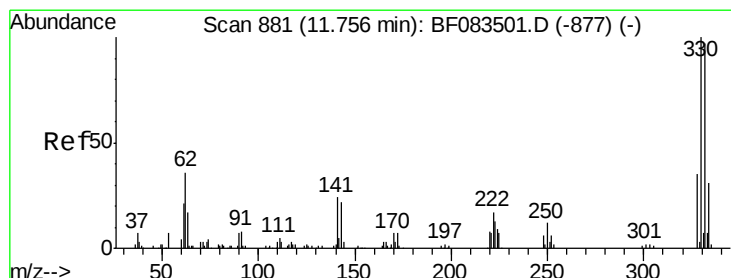
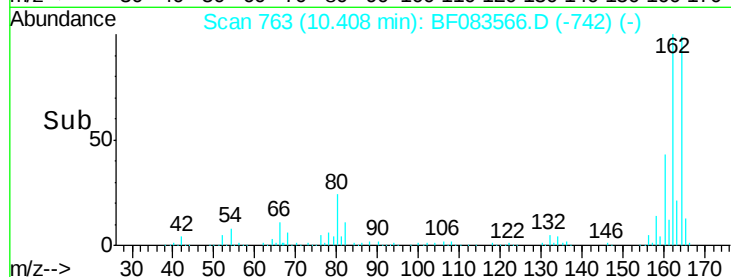
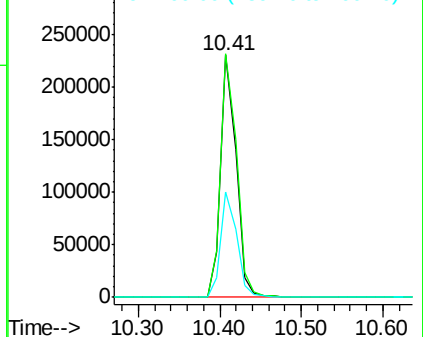
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083566.D
 Acq: 7 Dec 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 TP2(6-12)

Tgt Ion:164 Resp: 302776
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.8 118.2
 160 43.6 33.4 50.2

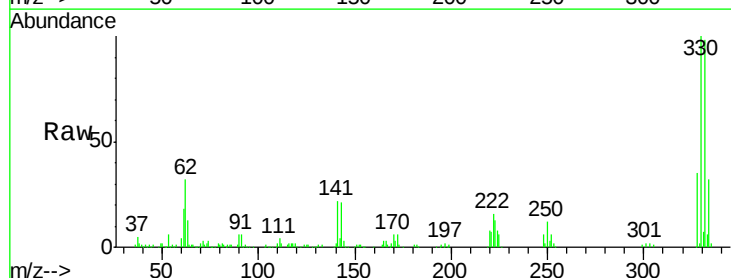


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

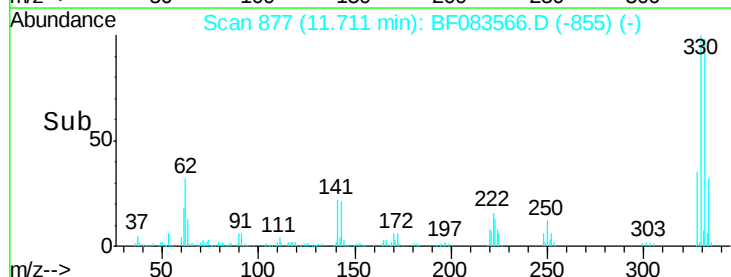
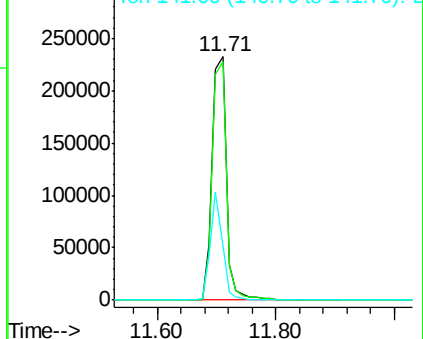


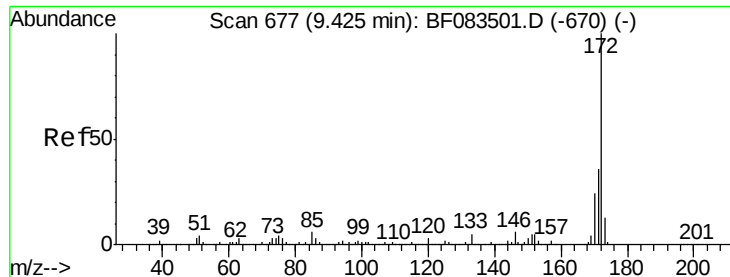
#41
 2,4,6-Tribromophenol
 Concen: 139.60 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083566.D
 Acq: 7 Dec 2015 19:59

Tgt Ion:330 Resp: 389887
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.3 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.30 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

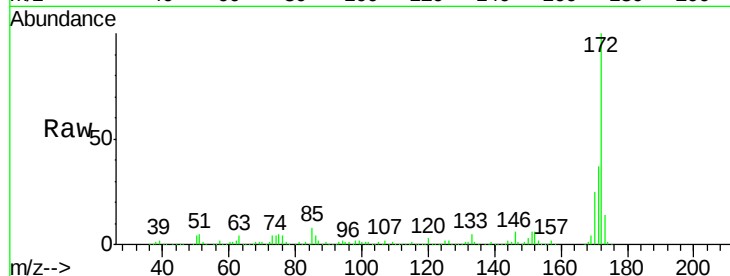
Tgt Ion:172 Resp: 1703330

Ion Ratio Lower Upper

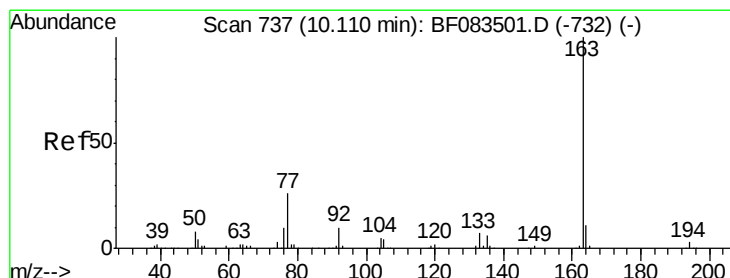
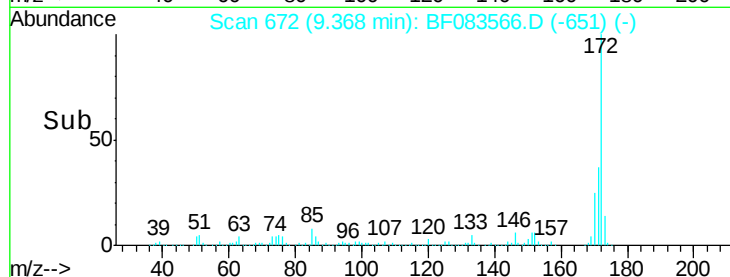
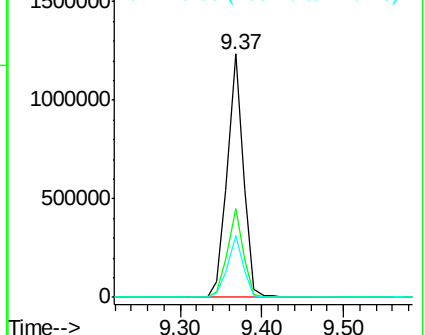
172 100

171 36.6 28.6 42.8

170 25.2 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 26.26 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

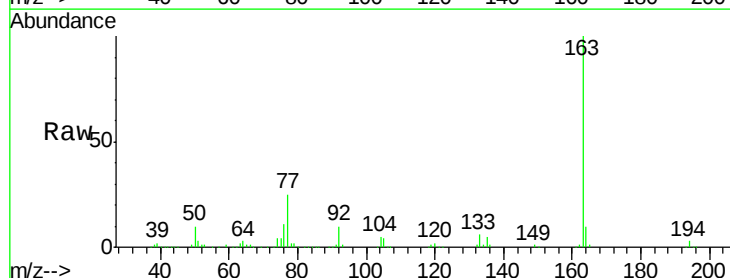
Tgt Ion:163 Resp: 625711

Ion Ratio Lower Upper

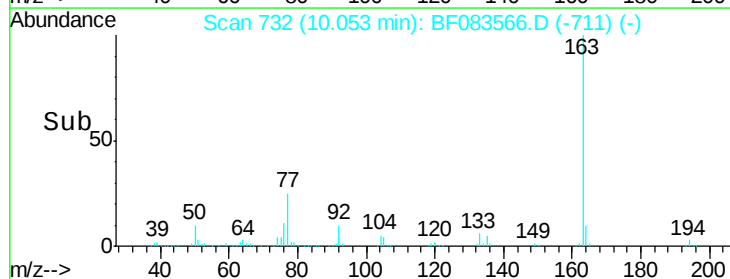
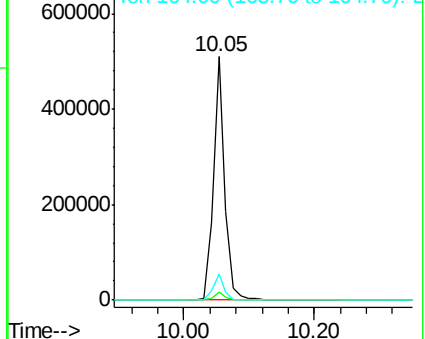
163 100

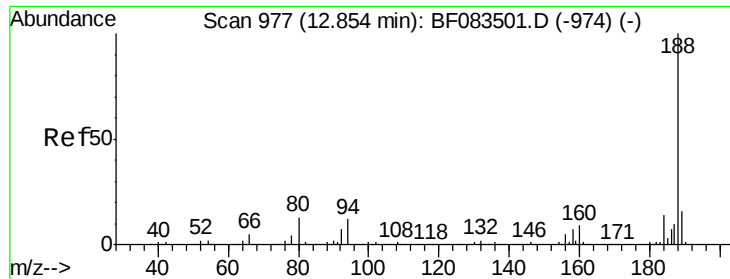
194 3.5 2.8 4.2

164 10.5 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

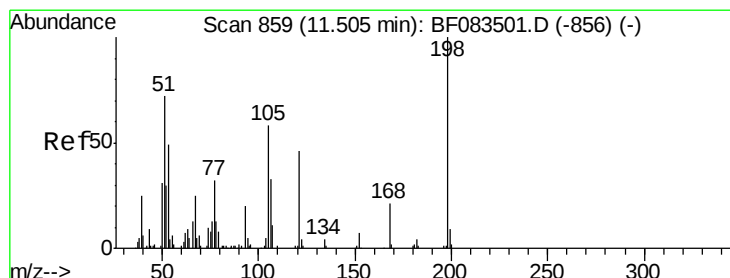
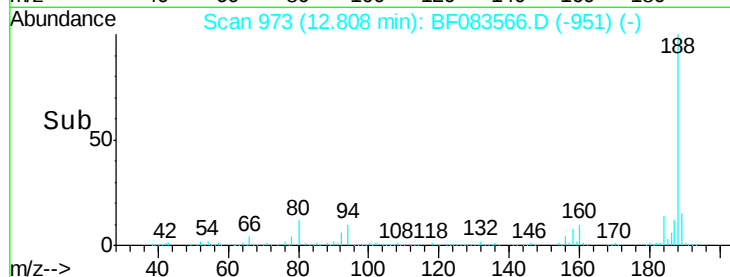
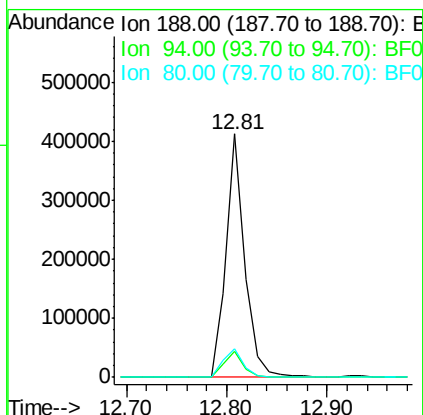
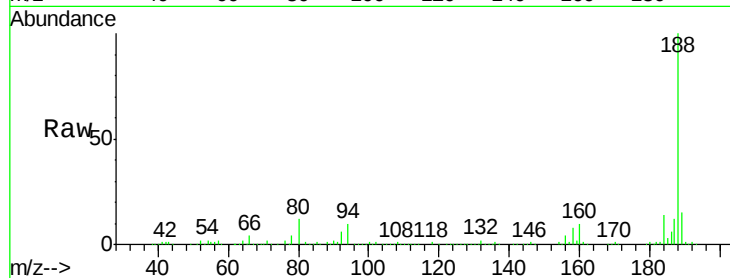




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083566.D
Acq: 7 Dec 2015 19:59

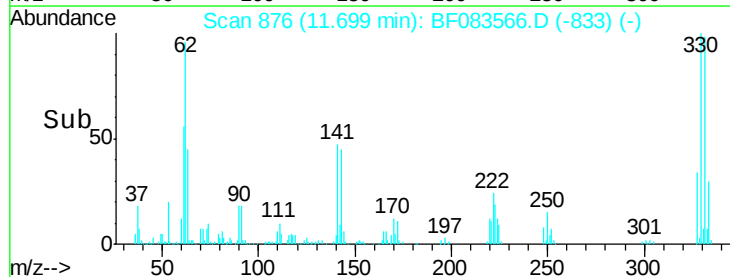
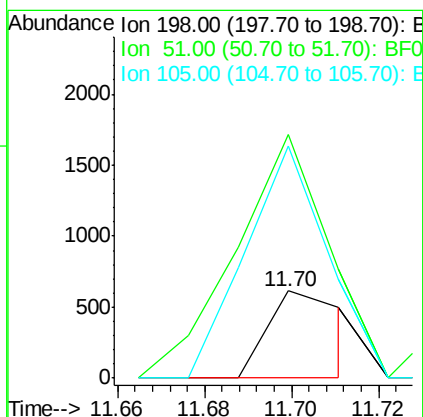
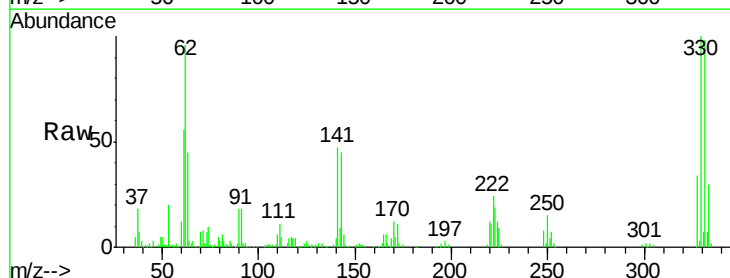
Instrument :
BNA_F
ClientSampleId :
TP2(6-12)

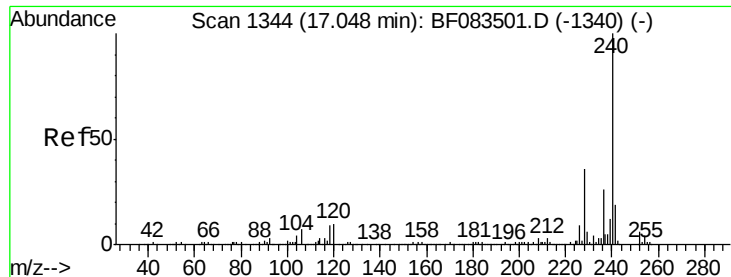
Tgt Ion:188 Resp: 534414
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.8 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.68 ng
RT: 11.70 min Scan# 876
Delta R.T. 0.20 min
Lab File: BF083566.D
Acq: 7 Dec 2015 19:59

Tgt Ion:198 Resp: 762
Ion Ratio Lower Upper
198 100
51 279.3 53.8 93.8#
105 266.4 38.6 78.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

TP2(6-12)

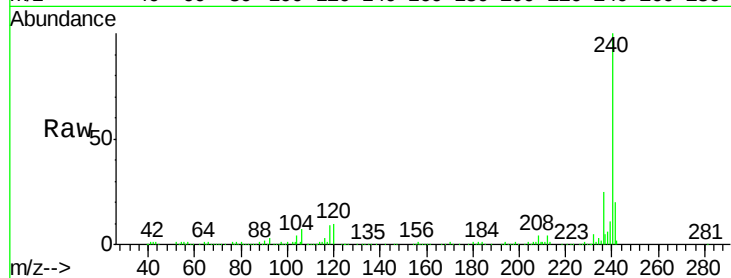
Tgt Ion:240 Resp: 378630

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

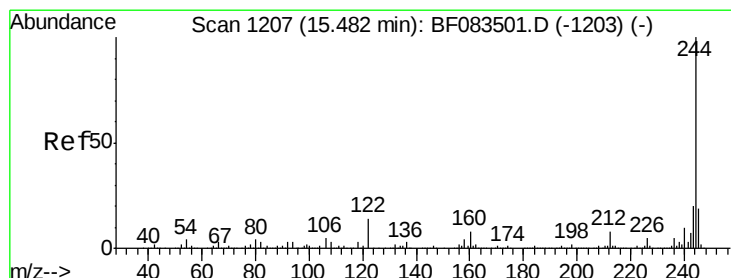
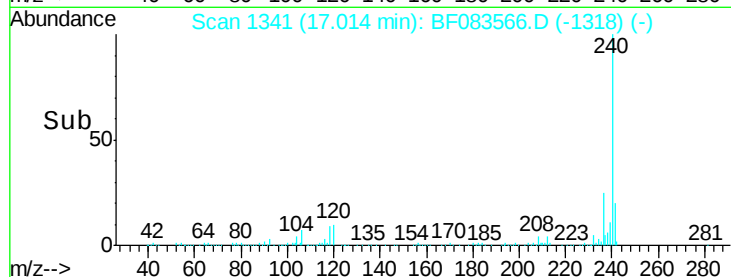
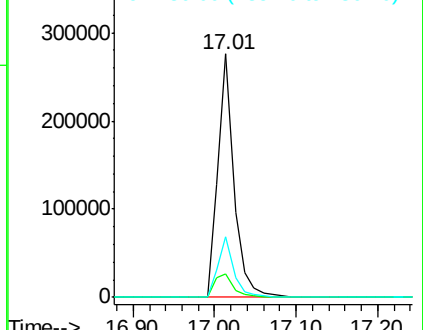
236 25.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 76.20 ng

RT: 15.44 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF083566.D

Acq: 7 Dec 2015 19:59

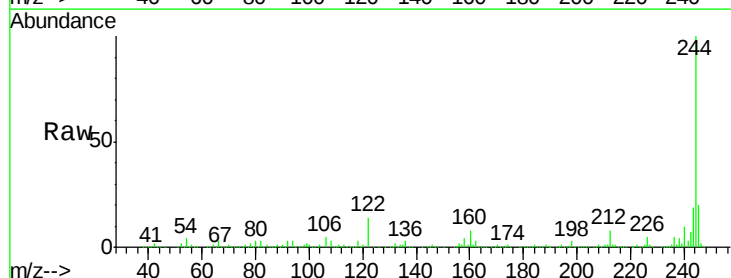
Tgt Ion:244 Resp: 1296532

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

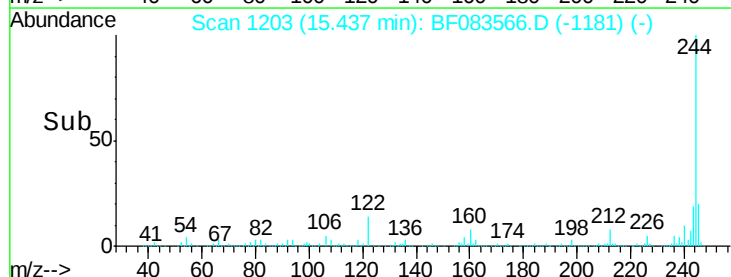
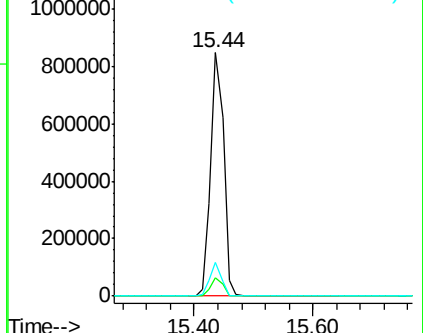
122 13.9 11.0 16.6

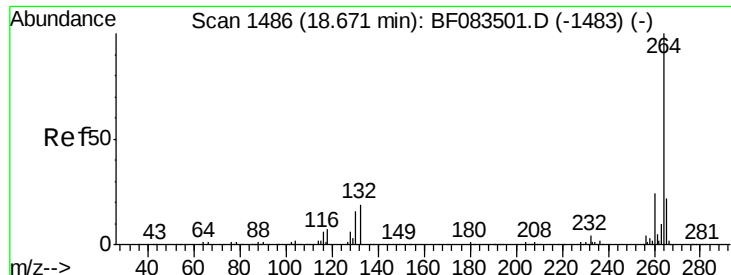


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

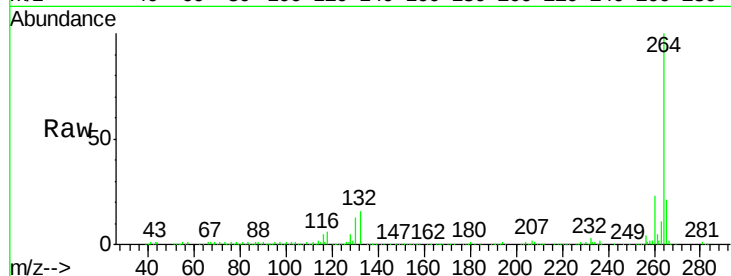




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083566.D
Acq: 7 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
TP2(6-12)

Tgt Ion: 264 Resp: 334999
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.0
265 21.1 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

